

REMARKS

Claims 1-10 and 12-27 are pending in the application. Claims 3-5, 19-21, and 23-25 are withdrawn from consideration. Claims 12, 13, 17, 18, and 22 stand allowed. Claims 2, 6, 26 and 27 stand allowable. Claims 1, 7-10 and 14-16 stand rejected by the Examiner. Claims 11 and 28-33 were previously cancelled. The Examiner's objections and rejections are addressed below in substantially the same order as in the office action.

With respect to the claims that stand rejected, Applicant has either cancelled a rejected claim, or rewritten a rejected claim, or amended a rejected claim to depend from an allowed claim.

The following claims have been rewritten in independent form:

Claim 8 has been rewritten to incorporate some, but not all, of the recitations of claims 1 and allowable 26.

Allowable claim 2 has been rewritten to incorporate some, but not all, of the recitations of base claim 8.

Claim 16 has been rewritten in independent form to incorporate some, but not all, of the recitations of allowable claim 26.

Allowable claim 27 has been rewritten in independent form to incorporate some, but not all, of the recitations of base claim 8.

The following dependent claims have been amended:

Claim 10 has been amended to depend from claim 27.

Claims 1 now depends from allowable claim 27.

Claim 26 now depends from claim 1, which depends from allowable claim 27.

The status of other claims is as follows:

Claim 6, which has been amended to delete "essentially," and claim 7 depend from allowable claim 8.

Claim 14 depends from allowable claim 16.

Claim 15 depends from claim 14, which depends from allowable claim 16.

Claim 9 has been cancelled.

New claim 34 is a method claim that is generally patterned after allowable system claim 27.

In general, in rewriting the claims, Applicant omitted the redundant language pertaining to the "condition sensing tool," the "outer housing," and the "sensor section." Also, for clarity, the recitation that the processing section transmits data has been omitted. Applicant does not believe that these clarifications affect the allowability of the claims and that these amendments have placed this case in condition for allowance.

CONCLUSION

For all the foregoing reasons, Applicant submits that the application is in a condition for allowance and such action is requested. Applicant submits herewith a Petition for One Months Extension of Time. The Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No. **13-0010 (284-34922-US)**.

Respectfully submitted,

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